

Inventor: Iwamoto  
Serial No.: 09/543,628  
Art Unit: 1712

Patent  
Attny Dkt. No. 100664.0001US1  
Honeywell Docket No. 30-5010 (4962)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231

Inventor: Iwamoto, Nancy

Serial No: 09/543,628

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For: Novel Polymer/Substrate  
and Polymer/Polymer  
Interfaces and Methods of  
Modeling and Forming Same

Examiner: Michael Feely

Art Unit: 1712

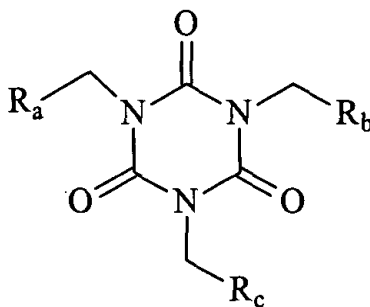
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Dear Sir:

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Cancel claims 1-9.

34. (Added) An electronic device comprising a component that consists of a polymer produced from at least one monomer having the formula:



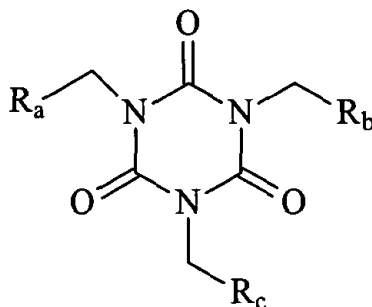
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wherein each of  $R_a$ ,  $R_b$ ,  $R_c$  are independently selected from the group comprising: a hydroxylated aliphatic side chain; an epoxy glycol; an ethoxy ether; and a glycol ether.

35. (Added) The device of claim 34, wherein  $R_a$ ,  $R_b$ ,  $R_c$  further comprises an adduct of glycol ether and a bisphenol glycol epoxy.
36. (Added) The device of claim 34, wherein  $R_a$ ,  $R_b$ ,  $R_c$  further comprises an adduct of an epoxy glycol and an amine.
37. (Added) The device of claim 34, wherein  $R_a$ ,  $R_b$ ,  $R_c$  further comprises an adduct of a glycol ether and a cycloaliphatic epoxy.
38. (Added) The device of claim 34, wherein  $R_a$ ,  $R_b$ ,  $R_c$  further comprises and an adduct of hydroxyethyl side chain and a cycloaliphatic epoxy.
39. (Added) The device of claim 37, wherein the adduct is an oxybis(cyclopentene oxide).
40. (Added) The device of claim 36, wherein the amine is an oxydianiline.
41. (Added) The device of claim 40, wherein the adduct is an hydroxylamine.
42. (Added) The device of claim 38, wherein the adduct is an oxybiscyclopentene.
43. (Added) The device of claim 34, wherein the polymer further comprises a bisphenol A glycidyl epoxy.
44. (Added) The device of claim 34, wherein the polymer further comprises a bis 3,4 epoxycyclohexylmethyl adipate.
45. (Added) The device of claim 34, wherein the polymer further comprises a trishydroxyethylisocyanurate.
46. (Added) The device of claim 34, wherein the electronic device further comprises a substrate.
47. (Added) The device of claim 46, wherein the polymer forms an interface with the

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34. An electronic device comprising a component that consists of a polymer produced from at least one monomer having the formula:



- wherein each of R<sub>a</sub>, R<sub>b</sub>, R<sub>c</sub> are independently selected from the group comprising: a hydroxylated aliphatic side chain; an epoxy glycol; an ethoxy ether; and a glycol ether.
35. The device of claim 34, wherein R<sub>a</sub>, R<sub>b</sub>, R<sub>c</sub> further comprises an adduct of glycol ether and a bisphenol glycol epoxy.
36. The device of claim 34, wherein R<sub>a</sub>, R<sub>b</sub>, R<sub>c</sub> further comprises an adduct of an epoxy glycol and an amine.
37. The device of claim 34, wherein R<sub>a</sub>, R<sub>b</sub>, R<sub>c</sub> further comprises an adduct of a glycol ether and a cycloaliphatic epoxy.
38. The device of claim 34, wherein R<sub>a</sub>, R<sub>b</sub>, R<sub>c</sub> further comprises and an adduct of hydroxyethyl side chain and a cycloaliphatic epoxy.
39. The device of claim 37, wherein the adduct is an oxybis(cyclopentene oxide).
40. The device of claim 36, wherein the amine an oxydianiline .
41. The device of claim 40, wherein the adduct is an hydroxylamine.

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42. The device of claim 38, wherein the adduct is an oxybiscyclopentene.
43. The device of claim 34, wherein the polymer further comprises a bisphenol A glycidyl epoxy.
44. The device of claim 34, wherein the polymer further comprises a bis 3,4 epoxycyclohexylmethyl adipate.
45. The device of claim 34, wherein the polymer further comprises a trishydroxyethylisocyanurate.
46. The device of claim 34, wherein the electronic device further comprises a substrate.
47. The device of claim 46, wherein the polymer forms an interface with the substrate.
48. The device of claim 34, wherein the electronic device further comprises a second component comprising a second polymer.
49. The device of claim 48, wherein the polymer forms an interface with the second component.
50. The device of claim 47, wherein the interface comprises a common boundary.
51. The device of claim 49, wherein the interface comprises a common boundary.